





#### SHEET INDEX

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#### PLANS FOR ROAD REPAIRS IN THE HISTORIC TOWN OF FREDERIKSTED, ST. CROIX

HON. TROGENZA ROACH - LIEUTENANT GOVERNOR HON. ALBERT BRYAN. - GOVERNOR





DIVISION OF ENGINEERING 6002 ESTATE ANNA'S HOPE CHRISTIANSTED, V.I. 00820

NELSON M. PETTY, PE DATE COMMISSIONER DEPARTMENT OF PUBLIC WORKS

ANTHONY D.

NELSON M. PETTY, P.E - COMMISSIONER OF DPW

THOMAS. - COMMISSIONER OF P&P

EROSION & SEDIMENT CONTROL NOTES: REMOVAL / DEMOLITION NOTES: DEWATENIG OF WORK ZONES IF REQUIRED. SHALL BE DISCHARGED INTO APPROPED SEDIMENT RETENTION BESSINES, THE COMPACTION SHALL NOT DISCHARGE DIRECTLY INTO EDSTING STORM DRAINING SYSTEMS, WATERCOURSEST OR WATERWAYS, ALL ANTER BASINS SHALL HAKE SEDIMENT FALTERS INSTALLED IN THE INLETS. CONTRACTOR SHALL REPAIR, CLEAN, AND REPLACE ANY SEDIMENT CONTROLS DAMAGED DURING AND/OR AFTER RAINFALL EVENTS OR AS DIRECTED BY ENGINEER/PUBLIC WORKS DEPARTMENT OF ST. THOMAS. THE CONTRACTOR TO COORDINATE ALL WATER WORK AND WATER METER BOX RELOCATION WITH THE WORKIN ISLANDS WATER AND FORES NOT SHOWN ON THE PLANS THAT NEED TO BE RELOCATED WITHIN THE PRACECT AREA. THE CONTRACTOR TO COORDINATE ALL UTILITY POLE RELOCATION WITH THE VIRGIN ISLAND WATER AND POWER AUTHORITY (WAPA). Preserve and protect all utilities, pavement and trees not scheduled for demolition. SEE DRAWING C13 FOR ADDITIONAL EROSION & SEDIMENT CONTROL NOTES AND DETAILS. ALL PERMANENT SEEDING SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS FP-03 SECTION 157 — SOIL EROSION DUST SHALL BE CONTROLLED THROUGH THE USE OF WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING EROSION CONTROL MEASURES IN ORDER TO PREVENT OFF—SITE TRACKING OF EARTH, SEDIMENT AND DEBRIS. WHEN PREPARING THE SITE FOR PROPOSED DEVELOPMENT, ALL MATERIALS REMOVED SHALL BE DISPOSED OF M. ACCORDANCE WITH ALL GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY ALL ITEMS TO BE REMOVED PRIOR TO ANY CONSTRUCTION. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPIED IN PART FROM PLANS OF RECORD, WADAD, DELINGATION AND FIELD LOCATION, THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE COMSIDERED APPRODUATE AND SHOULD BE FIELD FERRED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES. THE COMPILED RIGHT OF WAY INFORMATION SHOWN WAS DEVELOPED FROM RESTREAMS. CHREATED TREES OF RECORD AND PHYSICAL STOREMES FOUND. COMPILETS AND REPORTS WITHIN THE SURRY PLATS, INSURPRISH FIELD DATA, AND REPORTS WITHIN THE SURRY PLATS, REMINIOUS OF THE SURRY PLATS, SOUNDERS CONTRACTER TO PERFORM BOUNDARY KERFICATION OF PERFORM BOUNDARY KERFICATION. BEFORE PROCEEDING WITH MORK.

> THE CONTRACTOR SHALL YERFY AND DETERMINE THE LOCATION, SZE, AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON HESS PLANS PROR TO THE START OF ANY CONSTRUCTION, THE CONTRACTOR SHALL LOCATE THE UTILITIES SHOWN AND THE POSSBEE EXISTING SHALL BE NOTHED IN WRITING DESERVATION TEST PITS. THE ENGINEER SHALL BE NOTHED IN WRITING OF ANY UTILITIES FOUND INTESTED IN WRITING OF ANY UTILITIES SHOWN AND APPROPRIATE READERLY ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ACTIVITIES AS INCRESSARY WITH OTHER CONTRACTORS AND UTILITY COMPANIES TO ENSURE WORK INTERFACES SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE. GRADING & DRAINAGE NUTES

EXISTING CONDITIONS NOTES

GENERAL NOTES

THE SURFACE FEATURES AND TOPOGRAPHY SHOWN ARE THE RESULT OF AN ON THE DROUND SURVEY BY TOTAL STATION CONDUCTED BETWEEN THE MONTHS OF

HORIZONTAL DATUM: ZONE CODE CS PRBJF, NAD 83 PR/A, PROJECTION—LM

ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE ECONATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNERS ENGREER, ECONATED AREA ARE TO BE BACKFILLED WITH PROVIDED MATERIALS AND COMPACTED AS DIRECTED ON THESE PLANS.

ABANDONED
ASBESTOS CONCRETE
ADJUST
APPROXIMATE MATE

ATCH BASIN CURB INLET JAST IRON CEMENT LINED JAST IN PLACE TION OF SLOPE
OKEN WHITE LANE LINE
TTOM OF WALL
TCH BASIN CURB INLET

NORETE PIPE NORSATE RETURN NON HIGH WATER E YELLOW CENTER LINE MANHOLE IRON CEMENT LINED

8 \*\*

REES

CHAINLINK FENCE RETAINING WALL SILT FENCE

LOW DIRECTION

ARED END SECTION IISH FLOOR ELEVATION RCE MAIN ANITE CURB H DENSITY POLYETHYLENE MANHOLE

MAJOR CONTOUR
MAJOR CONTOUR
TRAFFIC ARROW
PARKING COUNT
4" SINCLE SOLID WHITE LINE
4" DOUBLE SOLID YELLOW LINE
18" WHITE STOP LINE

T VENT AIR CONDITIONING RANT HIGH WATER 

. .

WHITE PAINTED CROSSWALK

ACCESSIBLE TIP-DOWN RAMP

SPOT ELEVATION BORING LOCATION

EST PIT LOCATION

TO SCALE
LET CONTROL STRUCTURE

UNDERGROUND ELECTRIC
CATCH BASIN
CATCH BASIN (DOUBLE GRATE)
DRAIN MANHOLE

SEWER LINE OVERHEAD WIRE WATER LINE

CONCRETE BOX CULVERT DRAIN LINE

UNDS PER SQUARE INCH LYVINYL CHLORIDE ST VALVE INDICATOR

NFORCED CONCRETE PIPE OF DRAIN

ERTICAL GRANITE CURB
(ATER
ATER
CONNECTION
ETLAND FLAG
ATER GATE
ROUGHT IRON PIPE
ANTER METER
INDOW WELL ANSFORMER
P OF SLOPE
P OF WALL
PICAL
PICAL
RIFED CLAY

BEARINGS SHOWN ON THIS SURVEY ARE BASED ON FOUND DATA IN THE FIELD.

SUBJECT PROPERTY APPEARS TO FALL WITHIN F.I.R.M. DESIGNATION: PER FLOOD INSURANCE RATE MAP 780000001 G.

prior to the placement of Loam in the Areas to be topsoiled, the subgrade shall be loosened by scarfying to a depth of at least 2 inches to ensure bonding of the topsoil and subsoil

THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR CONDITIONS OF THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, TEMPORARY UTILITIES AND COORDINATION WITH ALL AGENCIES IN OBTAINING ACCESS TO THE SITE AND PERFORMING ALL WORK REQUIRED FOR THIS PROJECT.

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/NERSELF WITH PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL ACENCES AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION.

THE CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING BENCHMARKS AND BOUNDS OISTURBED BY THE CONTRACTOR SHALL BE RE-ESTRAGUISHED BY A REGISTERED LAND SURVEYOR AT NO EXPENSE TO THE OWNER.

ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS THAT DO NOT HAKE A SURFACE TREATMENT SPECIFICALLY SPECIFIC SHALL BE RESTORED TO A WINNIUM OF A WOHES OF SCREENED AND SEEDED TOPSONL, FERTILIZER, AND MULCH.

THE CONTRACTOR SHALL PERFORM ALL THE CLEARING AND GRUBBING NECESSARY WITHIN THE CONSTRUCTION AREA, LIMITING THE AMOUNT OF CLEARING AND GRUBBING TO THE EXTENT POSSBLE.

THIS PROJECT IS TO BE CONSTRUCTED TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET THE MOST CURRENT USM STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.

WHEN PREPARING THE EDISTING SITE FOR THE PROPOSED DEVELOPMENT, ALL MATERIALS RELIGIVED SHALL BE DISPOSED OF IN ACCOMDIANCE WITH ALL COVERNING AGENCIES AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL STABILIZE ANY AND ALL DITCHES, SWALES AND PONDS PRIOR TO DIRECTING STORMWATER RUN-OFF TO THEM. THE STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. ALL PIPE MATERIALS SHALL BE AS SPECIFED ON THE PLANS.

WHITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALLING PLANS IN CASE OF CORFLICT BETWEEN HIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARFICATION.

PRAPOSED RIM ELEVATIONS OF DRAINAGE MANHOLES AND CATCH BASINS ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH CRADES.

13. THE CONTRACTOR SHALL PROVIDE FOR THE HANDLING OF EXISTING FLOWS FROM SERVICE CONNECTIONS AND MAINLINE PIPES. THE EXISTING SEMERS AND DRAINS HAVE ACTIVE FLOWS AND THE CONTRACTOR SHALL MAINTAIN CONTINUOUS FLOW WITHOUT RESTRICTIONS.

ALL PAVEMENT MARKINGS SHALL BE MADE ...... PERMANENT THERMOPASTIC AND SHALL CONFORM TO FHIM STANDARD SECTEICATIONS FOR CONSTRUCTION OF AROUS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS FP-03, SECTION 834.

ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE MANUAL ON UNETOWN TRAFFIC CONTROL DEVICES (MUTCO), MAERICANS WITH DISABILITIES ACT (MOA)) AND STANDARD ALPHABETS FOR HIGHWAY SWILLS AND PAVEMENT MARKINGS.

ALL DIMENSIONS ARE TO THE EDGE OF CURB AT THE GUTTER LINE OR TO THE CENTER OF PAYEMENT MARKINGS, UNLESS OTHERWISE NOTED.

ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.

14. WHEN CONNECTING NEW PIPES TO EXISTING STRUCTURES SUCH AS MANHOLES AND CATCH BASINS, THE STRUCTURE SHALL BE COMPLETELY CLEANED OUT. THE HOLE MADE IN THE STRUCTURE SHALL BE AS SHALL AS NECESSARY. THE STRUCTURE SHALL BE REPARED TO MATCH ITS CHICANAL TYPE OF CONSTRUCTURE SHALL BE REPARED TO MATCH ITS CHICANAL TYPE OF CONSTRUCTURE SHALL BE REPARED TO MATCH STRUCTURE AND THE JOINT WITH MADE WATERTIGHT BY FILLING THE JOINT WITH MORTAR.

THE CONTRACTOR SHALL CLEAR THE ENTRE STORMWATER SYSTEM OF ALL SEDMENT AND DEBRIS, WITHIN THE LIMIT OF WORK UPON COMPLETION OF CONSTRUCTION.

18. THE STORM DRAINAGE SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNERS ENGINEER PRIOR TO THE PACKEMENT OF BACGYLL THE CONTRACTOR SHALL CONDOUNATE A HALL INSPECTION OF THE COMPLETED STORMWITER SHALL NOTIFY DWIER, GOVERNOUS BY THE OWNER, CONTRACTOR SHALL NOTIFY DWIER 48 HOURS IN ADVANCE OF ANTICIPATED INSPECTION.

UTILITY NOTES:

THE COMPRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES. ETHER OVERHEAD ON UNDERGROUND, WITHIN THE UTILITY CONSTRUCTION AREA MAD SHALL CORROWNIES WORK WITH THE UTILITY COMPANIES. THE PROTECTION OR RELOCATION OF UTILITIES IS THE RESPONSIBILITY OF THE COMPANIES.

THIS PROJECT IS TO BE CONSTRUCTED TO THE TYPICAL SECTIONS OF DETAILS SHOWN ON THE FUNKS, AND SHALL MEET THE STANDARDS OF WMA, WAPA AND THE VIRGIN ISLANDS PUBLIC WORKS DEPARTMENT.

THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, TEMPORAPY UTILITIES AND CORDINATION, WITH ALL ADENDES IN GOSTIANING ACCESS TO THE SITE AND PERFORMING ALL WORK REQUIRED FOR THIS PROJECT.

1. THE DIWLER IN CONJUNCTION WITH THE CONTRACTOR (OPERATOR) NEEDS TO GRITAIN A CONSTRUCTION GENERAL PERMIT (CGP) FOR LARGE CONSTRUCTION ACTIVITIES (FIVE OR MORE ACRES) OR SMALL CONSTRUCTION ACTIVITIES (GREATER THAN ONE ACRE BUT LESS THAN FIVE ACRES) FROM THE ENVIRONMENTAL PROTECTION ACRICY (EPA). AS PART OF THE CGP, A STORMWANER NOTICE OF INTENT (NO!) WILL NEED TO BE SUBMITTED TO THE EPA AT LEAST 14 DAYS PRIOR TO COMMENCING CONSTRUCTION. THE NO! WILL NEED TO BE SUBMITTED TO STORMWATER NOTICE OF INTENT (ACCUM), USEPA, 1200 PENNSYLVANIA, AVE. NW, WASHINGTON, DC 20480.

CONSTRUCTION GENERAL PERMIT NOTES

CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK TO PRE-CONSTRUCTION CONDITIONS FOR PAYEMENTS, SURFACES, SIDEWALKS, CURBS, ETC UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL RESIDENCES AFFECTED BY CONSTRUCTION. IF AT ANY TIME ACCESS WILL BE PROVIDED TO THE AFFECTED PARTY, ALL STEPS NECESSARY SHALL BE FACHOLD TO THE AFFECTED PARTY, ALL STEPS NECESSARY SHALL BE TAKEN TO MINIMED ACCESS INTERRUPTIONS. TEMPORARY ACCESS SHALL MEET ADA REQUIREMENTS.

THE CONTRACTOR SHALL COORDINATE MATERAL, AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECIFICNS.

THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO EXISTING FACILITIES AT ALL TIMES. IF ANY DISRUPTION MUST OCCUR, THE CONTRACTOR SHALL HOTELY AND COORDINATE MITH THE FACILITY AT LEAST 72 HOURS IN ADVANCE.

THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, ARRANGE FOR ALL INSPECTIONS.

ALL UNDERGROUND UTILITIES SHALL BE IN PLACE, TESTED, AND INSPECTED AS REQUIRED PRIOR TO BACKFILL AND SURFACE CONSTRUCTION

PROVIDE UNIFORM SLOPE BETWEEN CONTOURS AND/OR SPOT ELEVATIONS, FINISH PAVEMENT SURFACES AND LAWN AREAS SHALL BE FREE OF LOW SPOTS AND PONDING AREAS.

ABBREVIATIONS

EARTH SLOPES SHALL BE NO STEEPER THAN 1:1 (HORIZONTAL: VERTICAL) AND SHALL BE FLATTER WHERE SHOWN.

THE CONTRACTOR SALL BE RESPONSIBLE FOR PROTECTING
EXCLANATIONS AGAINST DOLLARS AND SALL HERVING BRACHING,
SHETTING OR SHORRING AS NECESSARY, TRENCHES SAILL BE KEFT DRY
WHILE PIPE AND APPLRITENANCES ARE BOING PLACED. DEWATERING
SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL
AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT
REGULATIONS.

GENERAL FILL BEYOND PAVED AREAS SHALL BE FREE OF BRUSH
RUBBISH, STUMPS, AND STONES LARGER THAM 8 MCHES, FILL SHALL BE
PLACED IN COMPACITED LAYERS NOT TO EXCEED 8 MCHES IN
THICKNESS, THE DRY DENSITY AFER COMPACITION SHALL NOT BE LESS
THAN 95% OF THE STANDARD PROCTOR TEST AND DOME IN
ACCORDANCE WITH THE REQUIREDIENTS OF ASTN D898.

ALL DRANAGE STRUCTURES, GRATES, AND COVERS WITHIN TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR H-20 LOADINGS UNLESS OTHERWISE SHOWN.

MAINTENANCE OF TRAFFIC. WHILE WORKING IN THE PUBLIC ROW, SUTTABLE BARRICADES, LICHTS AND SIGNS SHALL BE PROVINED BY THE CONTRACTIOR AND MAINTAINED 24 HOURS A DAY UNTIL COMPETION OF THE WORK, ALL TRAFFIC CONTROL DEVICES AND LAYOUT SHALL COMPLY THE WORK, ALL TRAFFIC CONTROL REQUIREMENTS AND FINAN "AMAIUAL OF UNIFORM TRAFFIC CONTROL REQUIREMENTS AND FINAN TAMELY CONTRACTION SHALL HAVE HIS/HET MAINTENANCE OF TRAFFIC PLAN APPROVED BY THE DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR TO DAMAGED UTILITIES CAUSED BY HIS/HER OPERATIONS.

PROPOSED RIM ELEVATIONS ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH PRINSH GRADES. MAJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, WATER GAITES, CAS GAITES, AND OTHER UTILITIES TO FINISHED GRADE WITHIN LIMITS OF WORK.

THE COP OUTLINES A SET OF PROVISIONS MANDATING THE OWNER AND CONTRACTOR COMPLY WITH THE REQUIREMENTS OF THE TERRITORIAL VIGAN ISLANDS STORMANTER POLLUTION PREVENTION PLANS (N SMPPP) STORMANTER REGULATIONS, INCLUDING BUT NOT LIMITED TO, STORMANTER POLLUTION PREVENTION PLANS (SMPPP), STORMANTER POLLUTION PREVENTION PLANS (SMPPPS), INPLEMENTATION OR EXCESSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTERNANCE GUIDELINES, ETC. PLASE CONTACT USEPA OFFICE OF MASTEWARDS MAINTENENT AT 2022-594-59-54 OR AT

SEE SPECIFICATIONS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

OLID WHITE EDGE LINE
OLID WHITE LANE LINE
APPROCE
OLITROL BOX
TLEPHONE
OLIPPHONE MANHOLE OPED GRANITE CURB SWER MANHOLE ECIFICATION WITTARY SEWER MANHOLE

FLARED END SECTION
HEADWALL
SEMER MANDLE
WATER SHUT-OFF
WATER VALVE & BOX
FIRE HYDRANT
THRUST BLOCK
WATER METER
POST INDICATOR VALVE
WATER MANHOLE
ELECTRIC METER
LIGHT POLE
TRANSFORMER PAD
UTILITY POLE
TRANSFORMER PAD
UTILITY POLE
HAND HOLE
PULL BOX

5+00

EXITING 15100 DESCRIPTION

₩**₩** # 4 0 ROADWAY CENTERLINE
EDGE OF GRAVEL
EDGE OF PAVEMENT
BITUMINOUS BERM
BITUMINOUS CURB
CONCRETE CURB
CURB & GUTTER RIGHT OF WAY
PROPERTY LINE
EASEMENT UNMARKED POINT SURVEY MONUMENT BUILDING

PAVED SURFACE

TREE TO BE REMOVED NLET PROTECTION

EROSION CONTROL MATTING

APPROVED:

DIVISION OF ENGINEERING 6002 ESTATE ANNA'S HOPE CHRISTIANSTED, V.I. 00820

APPROVED:

NELSON M. PETTY, PE DATE
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

# PLAN VIEW OF ROADS IN THE TOWN OF FREDERIKSTED

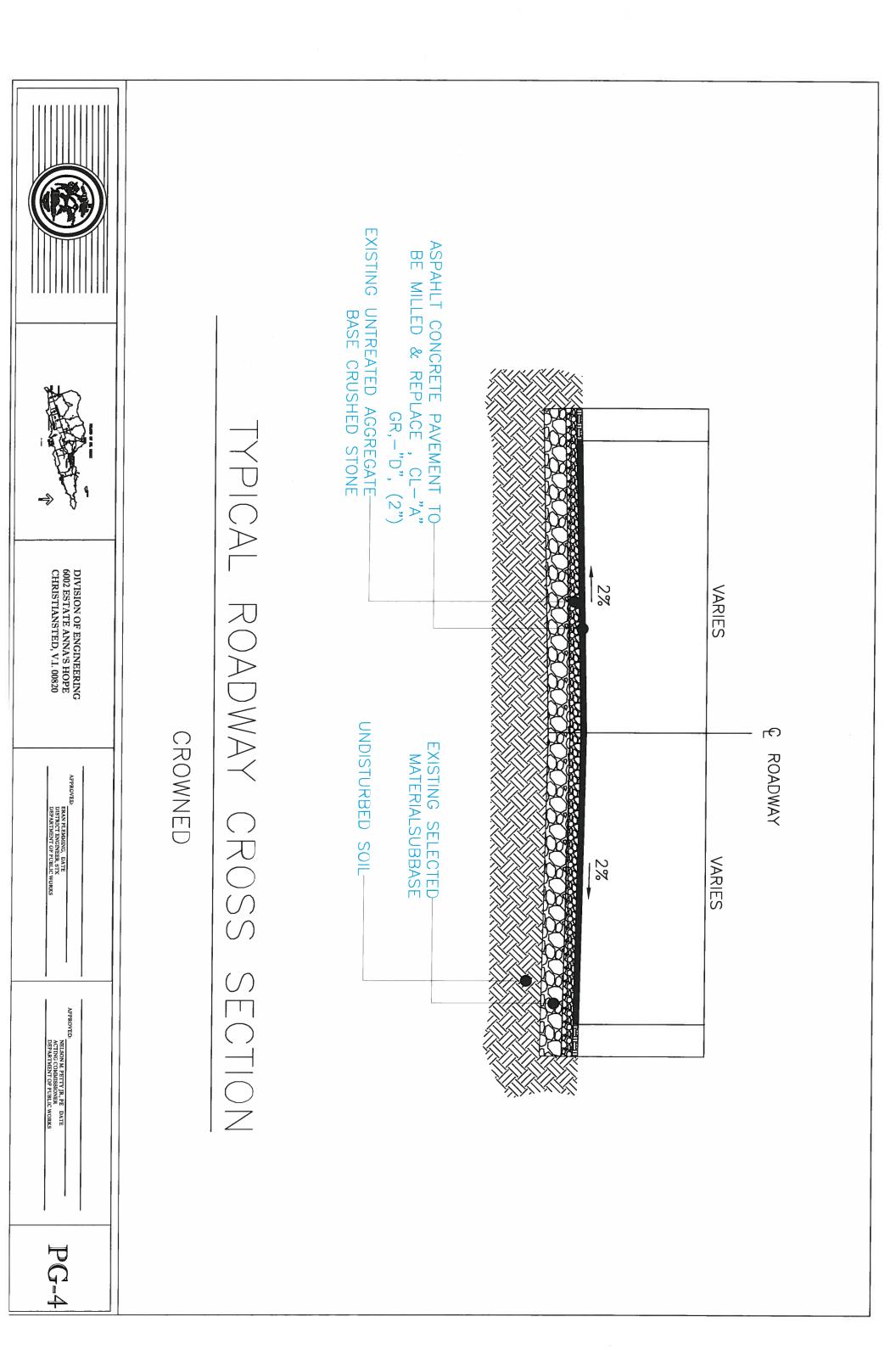


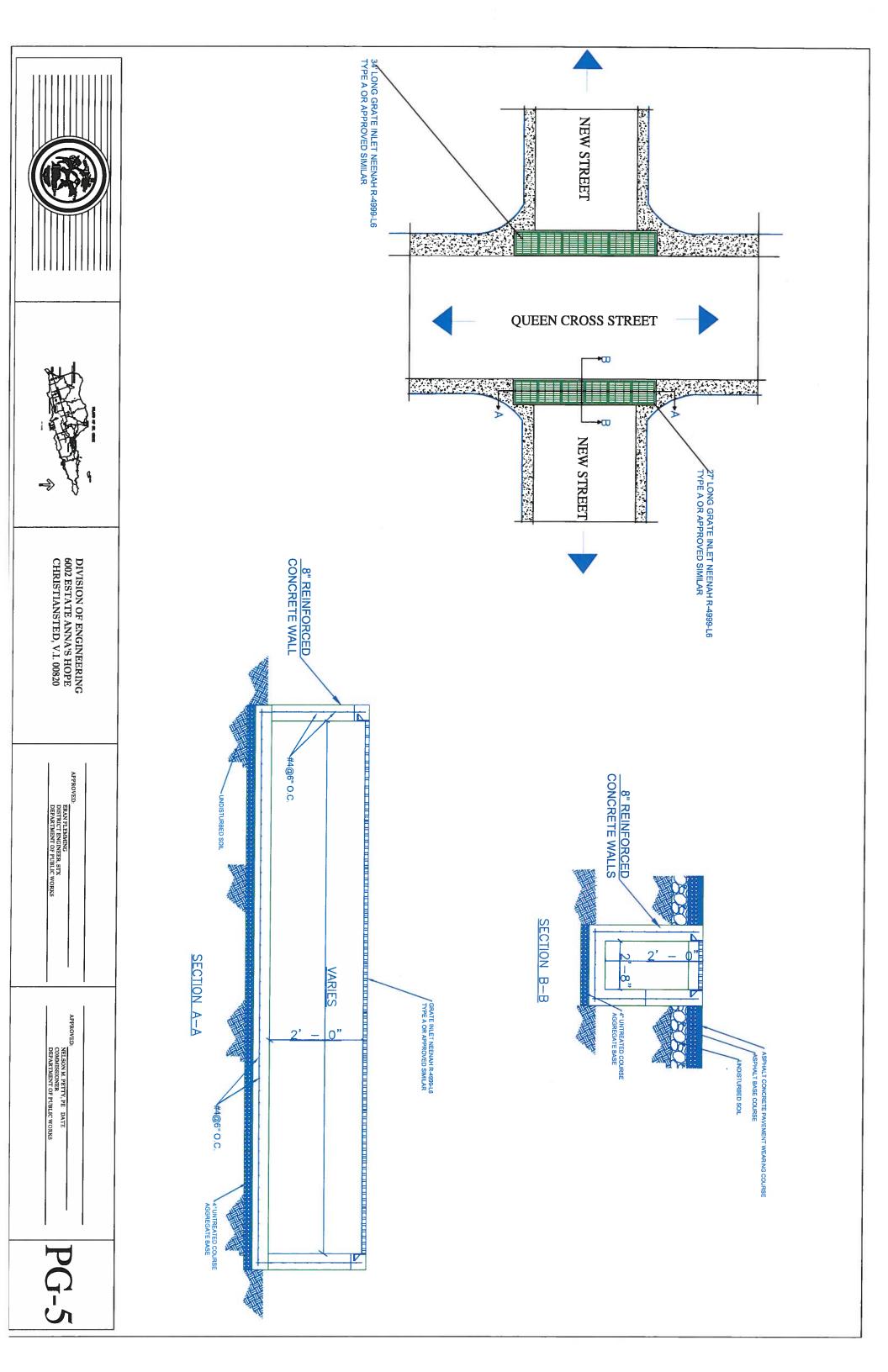


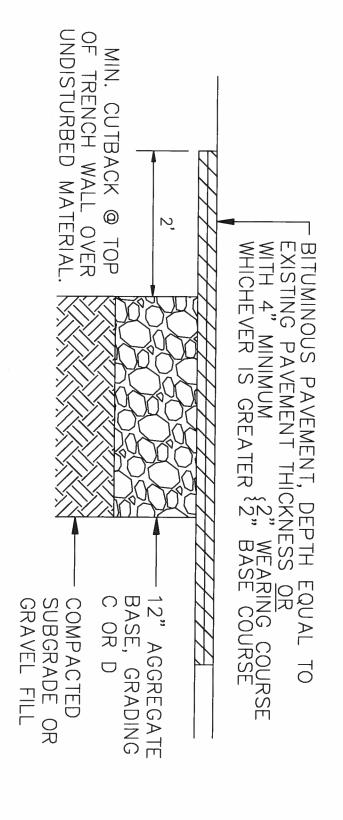


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## PEKMANTAT VAVEMENT REPAIR

#### PAVEMENT REPAIR NOTES:

- MATERIALS SHOULD BE REPLACED IN-KIND, WITH MINIMUM THICKNESS AS SHOWN.
- 2. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REQUIREMENTS.
- 3. ROADWAY CONSTRUCTION SHALL CONFORM TO USVI STANDARD SPECIFICATIONS.

# (1-1) TYPICAL ROADWAY CROSS SECTION

CROWNED





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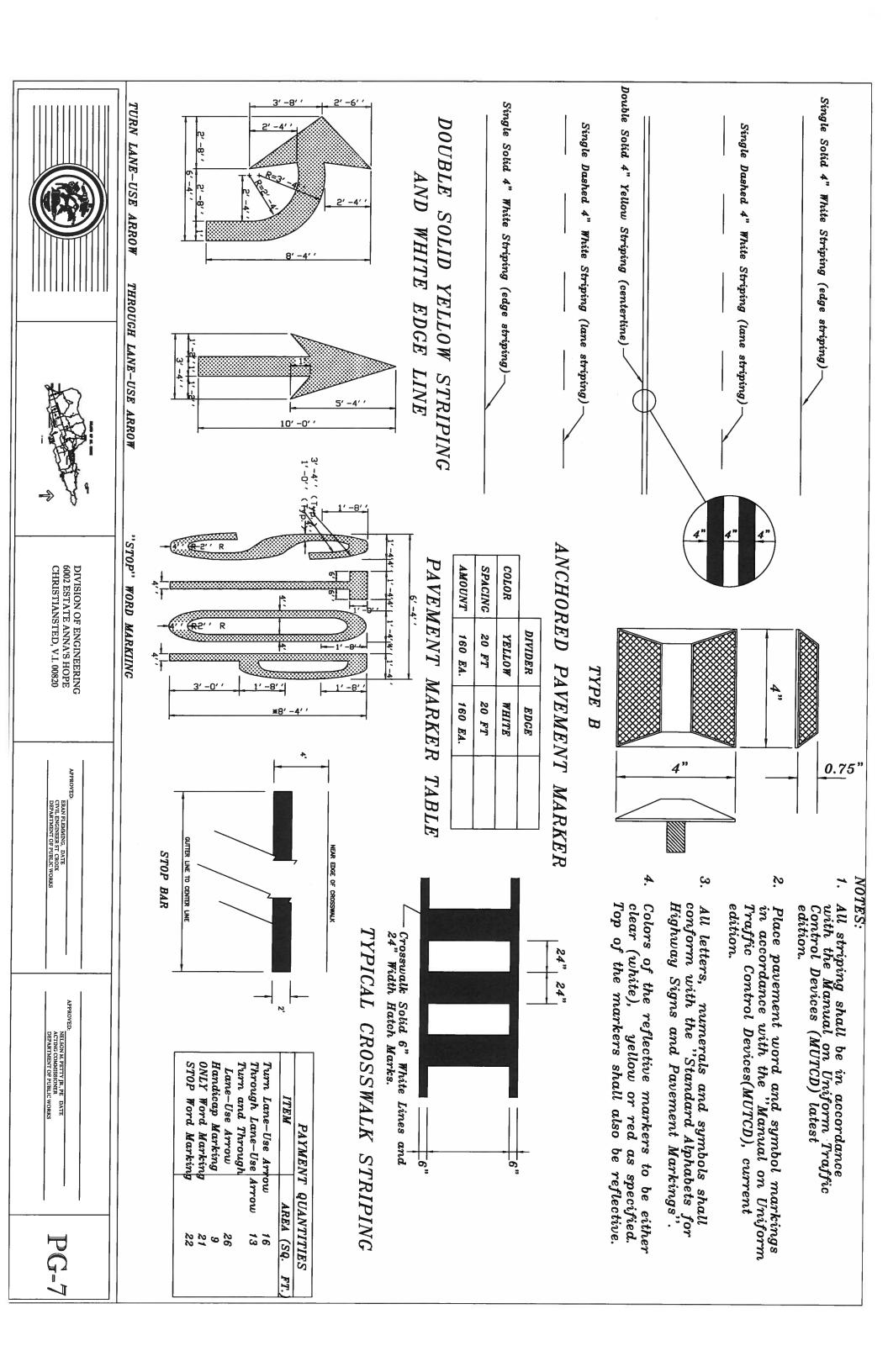
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DISTRICT ENGINEER, STX
DEPARTMENT OF PUBLIC WORKS

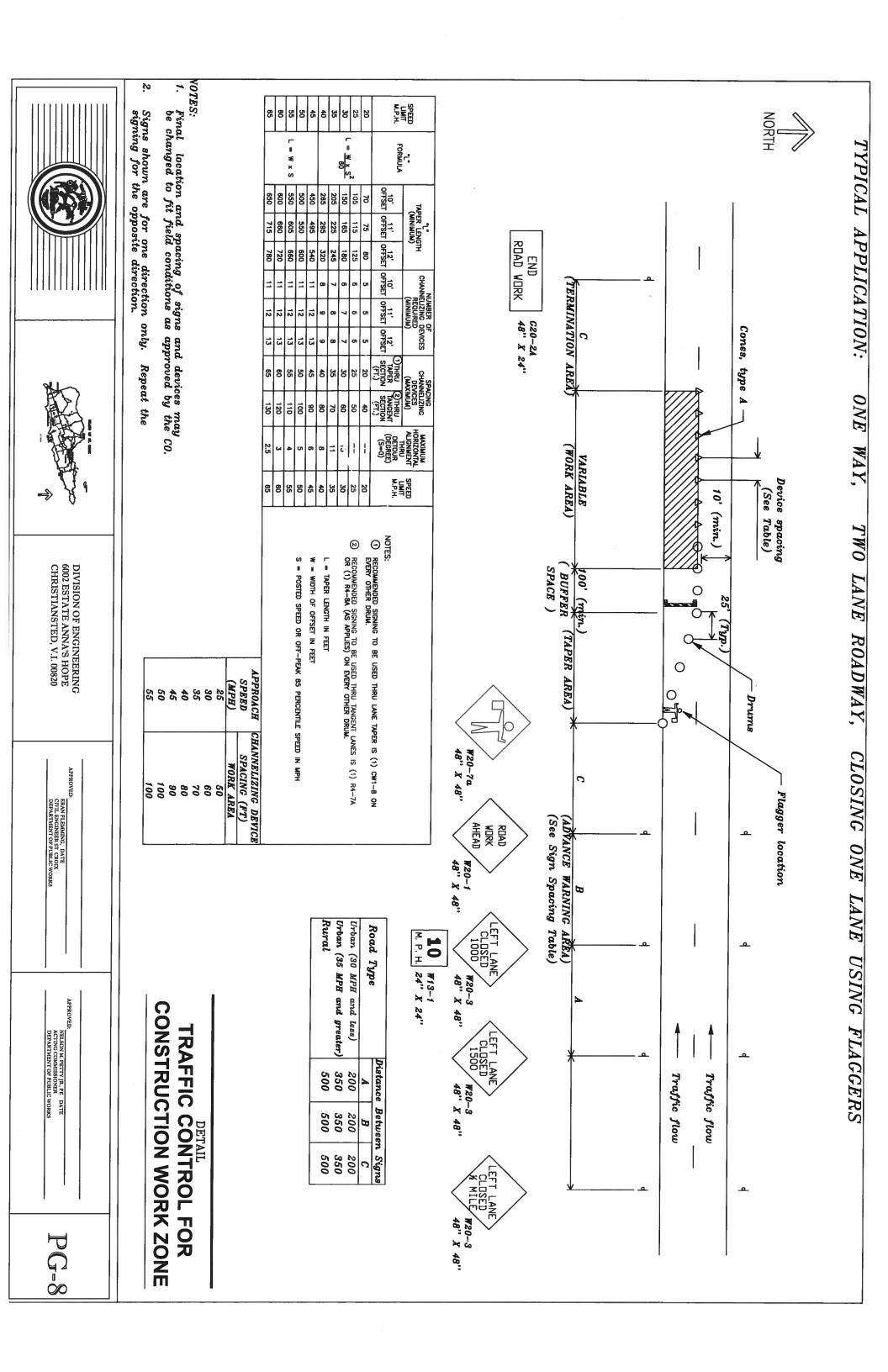
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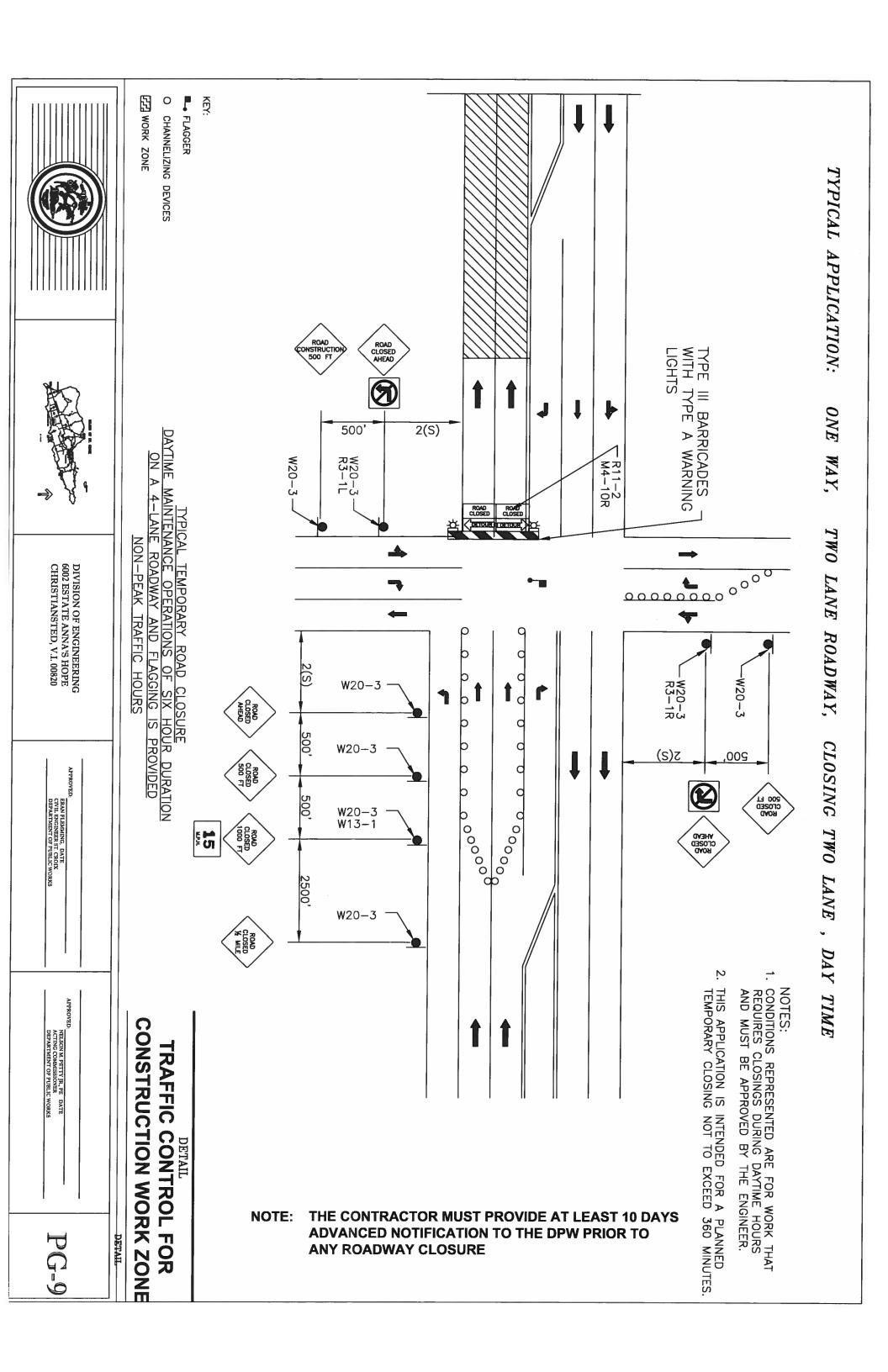
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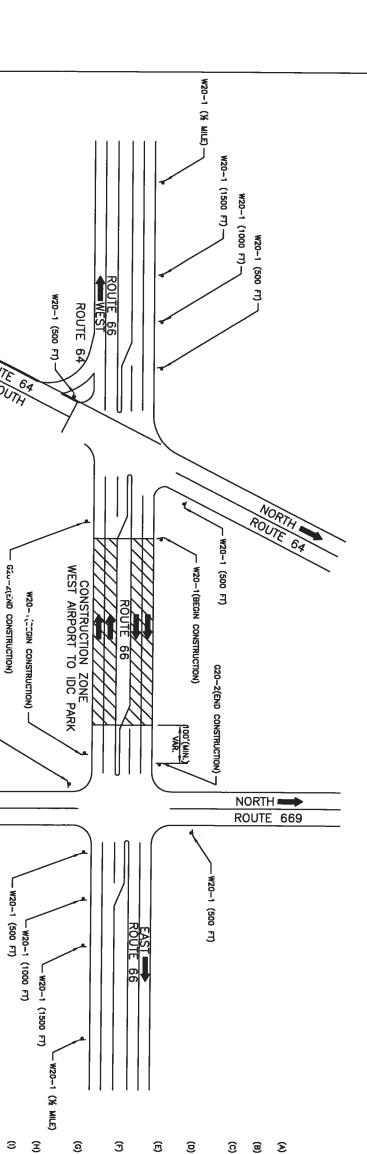
COMMISSIONER

DEPARTMENT OF PUBLIC WORKS









る본 . GENERAL NOTES SHOWN BELOW SHALL APPLY ALL OF THE SHEETS TITLED "TRAFFIC CONTROL DEVICES FOR CONSTRUCTION WORK ZONE"

- $\mathbf{\Sigma}$ 검 CONSTRUCTION PROJECTS IT WILL BE THE CONTRACTOR'S RESPONSIBILITY INSTALL THE NECESSARY SIGNS BEFORE CONSTRUCTION BEGINS.
- ALL SIGN BLANK MATERIALS USED SHALL BE SHEET METAL OR EQUIVALENT MATERIAL CONFORMING TO SECTION 718 OF F.H.W.A. SPECIFICATION "FP $^-$ 14"
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SIGNS TO ASSURE A HIGH DEGREE OF BOTH DAY AND NIGHT VISIBILITY, WHICH WILL INCLUDE ANY WASHING, REPLACEMENT AND/OR RE—POSTIONING WHERE DEGMED NECESSARY BY THE ENGINEER.
- REFLECTORIZATION OF TRAFFIC CONTROL DEVICES SHALL BE BY MEANS OF TYPE III OR HIGHER REFLECTIVE SHEETING MEETING THE REQUIREMENTS OF SECTION 718 OF THE STANDARD SPECIFICATIONS, FP-14.
- ALL SIGNS SHALL BE SECURELY PLACED OR WEIGHTED TO PREVENT BLOWING OVER. ROCKS, BROKEN CONCRETE OR OTHER SUCH OBJECTS SHALL NOT BE CONSIDERED ACCEPTABLE FOR SIGN SUPPORT.
- THE DISTANCE BETWEEN SIGNS SHOULD BE INCREASED ON HIGH SPEED, OR MORE HEAVILY TRAVELED HIGHWAYS, OR WHERE SIGHT DISTANCE IS RESTRICTED.
- ALL SIGNS, FLASHERS, FLAGS, ETC. SHALL CONFORM IN SIZE, SHAPE, COLOR, LEGEND AND APPLICATIONS TO THE STANDARDS SET FORTH IN THE MANUAL ON UNFORM TRAFFIC COMPTROL DEVICES TO THE LATEST EDITION AND/OR THE STANDARD SPECIFICATIONS.
- $\Xi$ 귏볶 CONTRACTOR WILL BE REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN APPROVAL BY THE ENGINEER.
- ALL DIAMOND SHAPED CONSTUCTION WARNING SIGNS SHALL BE 48" X 48", WITH 24" X 24" ADVISORY SPEED SIGNS WHERE REQUIRED.

₩20-1 (500 FT)

- Ξ REFLECTORIZATION OF TUBULAR MARKERS SHALL BE A MINIMUM OF TWO, THREE—INCH—WIDE WHITE BANDS PLACED A MAXIMUM OF 2 INCHES FROM THE TOP WITH A MAXIMUM OF 8 INCHES BETWEEN THE BANDS. RETROREFLECTION OF CONES SHALL BE PROVIDED BY A MINIMUM OF 3 INCHES BUT NO MORE THAN 4 INCHES FROM THE TOP. WHEN THE 36—INCH OR LARGER SIZE CONES ARE USED, THE STANDARD 6—INCH BAND SHALL BE SUPPLEMENTED WITH A ADDITIONAL 4—INCH BAND SHALL BE SUPPLEMENTED WITH A ADDITIONAL 4—INCH BAND SHACED A MINIMUM OF 2 INCHES BELOW THE 6—INCH BAND.
- 3 THE CONTRACTOR SHALL REPAIR OR REPLACE ANY NEW OR EXISTING PERMANENT GOVERNMENT OWNED SIGNS WHICH ARE DAMAGED DUE TO CONTRACTOR'S NEGLIGENCE OR CARRELESS HANDLING DUMING THE CONSTRUCTION OF THIS PROJECT. THIS SHALL BE DONE AT THE CONTRACTORS EXPENSE.
- $\Xi$ TRAFFIC CONDITIONS MAY NECESSITATE CHANGES IN THE USE AND/OR QUANTITIES OF THE TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS. ANY SUCH CHANGES ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- CHANNELIZING DEVICES INITIALLY PROVIDED ON THIS PROJECT SHALL EFFINER NEW OR IN LIKE NEW CONDITION AND SHALL BE APPROVED USE ON THIS PROJECT BY THE ENGINEER.

 $\Xi$ 

- 3 ADVISORY SPEED LIMITS THROUGH THE WORK ZONE MAY BE JSTED AT THE DISCRETION OF THE ENGINEER.
- 9 TEMPORARY TRAFFIC CONTROL MANAGEMENT AS PER THE MUTCD SHALL BE COVERED UNDER THIS TEM 83501(A) SHALL INCLUDE MANAGEMENT OF DAILY TRAFFIC OPERATIONS, REQUIRED NUMBER OF FLAGGERS FOR SAFETY, PLACEMENT OF TRAFFIC CONTROL DENCES, AND WRITTEN TRAFFIC CONTROL PLANS PER MUTCD. ALL TRAFFIC CONTROL PLANS ARE SUBJECT TO APPROVAL BY DPW.
- T PEAK TRAFFIC HOURS OF 7:00AM TO 9:00AM AND 3:00PM TO 8:00PM MUST BE OBSERVED. THE CONTRACTOR MAY NOT CLOSE THE ROADWAY NOR DETOUR TRAFFIC DURING PEAK TRAFFIC HOURS.

#### TYPICAL TRAFFIC CONTROL DETAILS(63501 TC-2 AND 63501 TC-3).

- ROADWAY RECONSTRUCTION AND RECONDITIONING ERATION WILL BE REQUIRED AT ALL TIMES DURING CONSTRUCTION. H TWO-WAY RADIO COMMUNICATION WILL BE REQUIRED. OF DRUMS, BARRICADES, AND CONES WILL BE REQUIRED.
- FLAGGING OPERATION WILL BE RE FLAGGERS WITH TWO-WAY RADIO COMBINATION OF DRUMS, BARRICA CONTRACTOR MAY BE LIMITED ON RICADES, AND CONES WILL BE ON THE LENGTH OF ROADWAY ALLOWED

### ASE TWO — GUARDRAIL, SHOULDER AND WATERWAY RECONDITIONING FLAGGING OPERATION WILL BE REQUIRED AT ALL TIMES DURING CONSTRUCTION. FLAGGERS WITH TWO—WAY RADIO COMMUNICATION WILL BE REQUIRED. COMBINATION OF DRUMS AND CONES WILL BE REQUIRED. SHOULDER WORK SIGNS WILL BE REQUIRED.

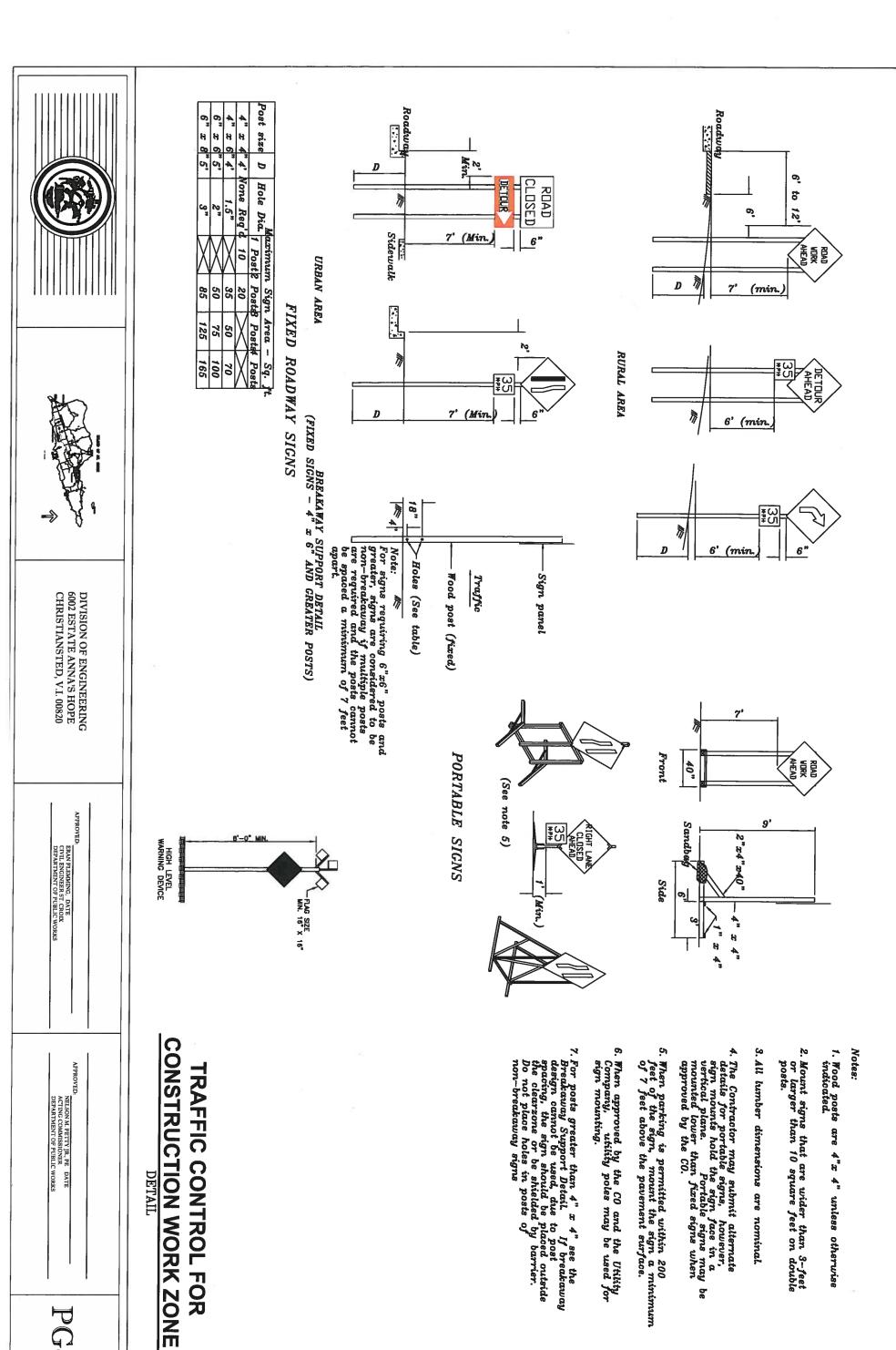
- ASE. THREE ASPHALT OVERLAY AND STRIPING FLAGGING OPERATION WILL BE REQUIRED AT ALL TIMES DURING CONSTRUCTION. FLAGGERS WITH TWO—WAY RADIO COMMUNICATION WILL BE REQUIRED. COMBINATION OF DRUMS AND CONES WILL BE REQUIRED. UNEVEN PAVEMENT SIGNS WILL BE REQUIRED.

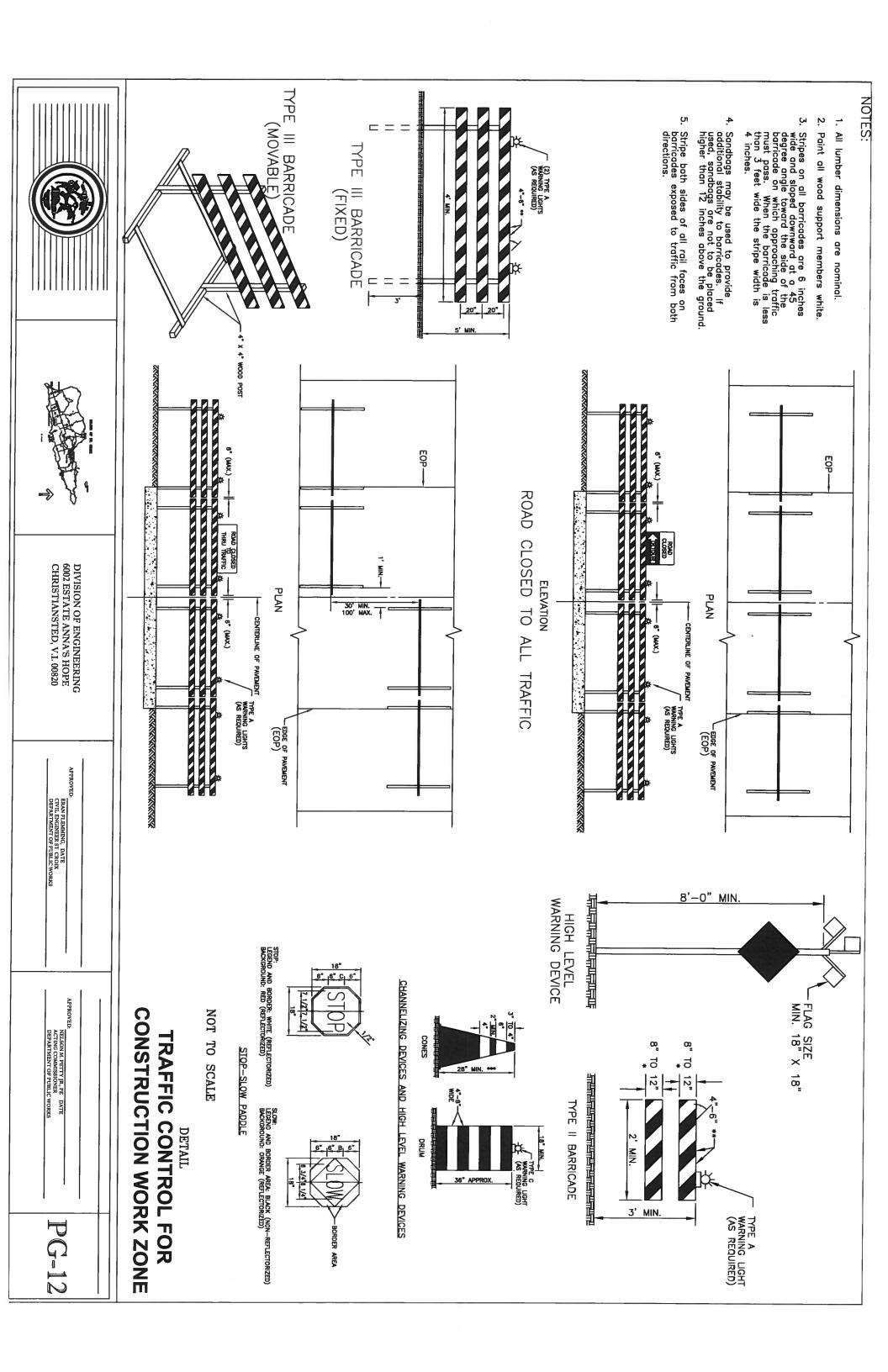


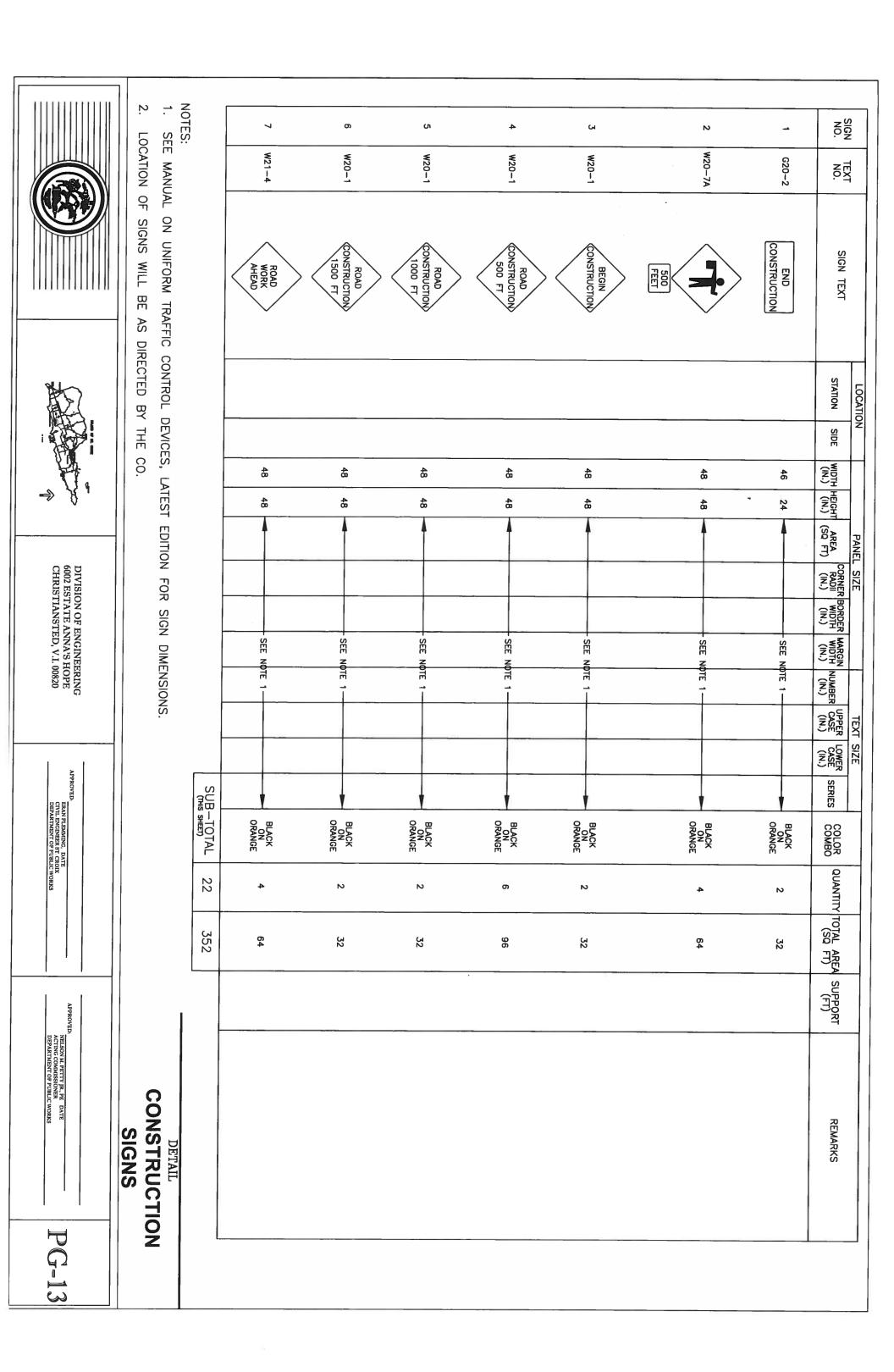


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APPROVED: NELSON M. PETTY JR., PE DATE
ACTING COMMISSIONER
DEPARTMENT OF PUBLIC WORKS







		NOTES:			28	27	26	25	24	23	22	NO.
	TION	SFF MANIJAI			FLAG	W8-7	W13-1	W13-1	W20-8	W8-9aE	R3-1L	NO.
	SIGNS WILL BE AS	AL ON LINIFORM TRAFFIC		=		LOOSE GRAVEL	.₹ ₽.Д	3 N T T T T T T T T T T T T T T T T T T	ROADWORK CENTERLINE AND NO PASSING ZONE NOT MARKED		<b>(2)</b>	SIGN TEXT
	DIRECTED BY THE CO.	CONTROL DEVICES			18 18	<del>*</del> 8	24 30	24 30	48 30	48 48	24 24	STATION SIDE WIDTH HEIGHT (IN.)
DIVISION OF ENGINEERING 6002 ESTATE ANNA'S HOPE CHRISTIANSTED, V.I. 00820	EDITION TOX VIGIN				SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	PANEL SIZE  CORNER BORDER MARGIN MIDTH MIDTH (SQ FT) (IN.) (IN.) (IN.)
APPROVED	DIMENSIONS.		SUB-									NUMBER CASE CASE SERIES (IN.)
EANN TLEAMING, DATE CIVIL ENGINEER ST CROIX DEFARTMENT OF PUBLIC WORKS		TOTAL	SUB-TOTAL (THIS SHEET)		BLACK ON ORANGE	BLACK ON ORANGE	BLACK ON ORANGE	BLACK ON ORANGE	BLACK ON ORANGE	BLACK ON ORANGE	BLACK ON ORANGE	COLOR
WORKS		91	28		Ø	4	on and	4	N	8	-	QUANTITY
		943	179		ω	6 4	30	20	20	32	4	TOTAL AREA
APPROVED: NELSO ACTIN DEPAJ						#			18			SUPPORT (FT)
NELSON M. PETTY JR., PE DATE ACTING COMMISSIONER DEPARTMENT OF PUBLIC WORKS	SIGNS	DEPARTMENT OF PUBLIC WORKS DETAIL CONSTRUCTION										REMARKS
PG-14	ON N	2	KS [									

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